

Product Code: TWP-311  
Product Name: TWP-311 CALIFORNIA REDWOOD  
Manufacture : AMTECO, INC., P.O. BOX 9, 1100 JEFFERSON ST, PACIFIC, MO. 63069  
24-hour Emergency Phone: 1-800-424-9300

### 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

(See top of page)

### 2. COMPOSITION/INFORMATION ON INGREDIENTS

Component/Exposure Limits	CAS#	% by Wt.
SOLVENT NAPHTHA(PETROLEUM)MEDIUM ALIPHATIC OSHA PEL: 500PPM, ACGIH TLV: 100PPM	64742-88-7	34
*FOLPET	133-07-3	.86
XYLENE OSHA PEL: 100PPM, ACGIH TLV: 100PPM	1330-20-7	.90

### 3. HAZARDS IDENTIFICATION

This product is classified as hazardous under OSHA regulations. COMBUSTIBLE liquid and vapors. Vapors are heavier than air. Vapors may travel across the ground and reach remote ignition sources causing a flashback fire danger

#### Potential Health Effects

#### ROUTES OF ENTRY:

Inhalation, Skin absorption, Skin contact, Eye Contact, Ingestion

#### EYE CONTACT:

Can cause eye irritation. Symptoms include stinging, tearing, redness, swelling of eyes and blurred vision.

#### SKIN:

Can cause skin irritation. Prolonged or repeated contact may dry the skin. Symptoms may include redness, burning and drying, cracked skin, burns and blistering.

#### INGESTION:

Swallowing small amounts of this material during normal handling is not likely to cause harmful effects. Swallowing large amounts may be harmful. This material can get into the lungs during swallowing or vomiting. This results in lung inflammation and other lung injury.

#### INHALATION:

Breathing of vapor or mist is possible. Breathing small amounts of this material during normal handling is not likely to cause harmful effects. Breathing large amounts may be harmful. Symptoms are not expected at air concentration below the recommended exposure limits.

#### AGGRAVATED MEDICAL CONDITION:

Preexisting disorders of the following organ(systems) may be aggravated by exposure to this material: skin, lung(e.g. asthma-like conditions), kidney, immune, auditory. Individuals with preexisting heart disorders maybe more susceptible to arrhythmias(irregular heartbeats) if exposed to high concentration of this material.

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**SYMPTOMS:**

Signs and symptoms of exposure to this material through breathing, swallowing, and/or passage through skin may include redness of the face and neck, stomach or intestinal upset (nausea, vomiting, diarrhea), irritation (nose, throat, airways), central nervous system depression (dizziness, drowsiness, weakness, fatigue, nausea, headache, unconsciousness) memory, respiratory depression (slowing breathing rate), shortness of breath, loss of coordination, confusion, irregular heartbeat, respiratory failure and coma.

**REPRODUCTION INFORMATION:** This material (or a component) may be harmful to the human fetus based on positive results with laboratory animal.

**CARCINOGENICITY:** Based on the available information, this material cannot be classified with regard to carcinogenicity. This material is not listed as a carcinogen by the IARC (International Agency for Research on Cancer), NTP (National Toxicology Program) or OSHA (Occupational Safety and Health Administration).

**4. FIRST AID MEASURES**

**EYES:** Move individual away from exposure and into fresh air. Flush eyes gently with water for 15 minutes while holding eyelids apart. If symptoms persist or there is any visual difficulty, seek medical attention immediately.

**SKIN:** Remove contaminated clothing. Rinse exposed areas with large amounts of water. If skin is damaged or symptoms persist, seek medical attention. Launder clothing before reuse.

**INGESTION:** Seek medical attention immediately! Never give anything by mouth to a drowsy or unconscious person. Do not induce vomiting. If possible, do not leave individual unattended.

**INHALATION:** Immediately move individual away from exposure and into fresh air. Seek immediate medical attention. Keep person warm and quiet. If not breathing, begin artificial respiration. If breathing is difficult, administer oxygen.

**NOTE TO PHYSICIANS:** Inhalation of high concentrations could occur in enclosed spaces or during deliberate abuse could cause cardiac arrhythmias. This material is an aspiration hazard.

**5. FIRE FIGHTING MEASURES****FLAMMABLE PROPERTIES:**

**FLASH POINT:** 100 F                      **Method:** TCC Tag Closed Cup

**FLAMMABLE LIMITS:** Lower 1.0              Upper 7.0

**HAZARDOUS COMBUSTION PRODUCTS:** Carbon dioxide, carbon monoxide, oxides of nitrogen.

**EXTINGUISHING MEDIA:** Foam, Carbon Dioxide (CO<sub>2</sub>), Dry Chemical

**FIREFIGHTING INSTRUCTIONS:** If product is heated above its flashpoint it will produce vapors sufficient to support combustion. Vapors are heavier than air and may travel along the ground and be ignited by heat, pilot lights, other flames and ignition sources at locations near the point of release.

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## 6. ACCIDENTAL RELEASE MEASURES

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**PERSONAL PRECAUTIONS:** Eliminate all ignition sources (flares, flames including pilot lights, electrical sparks). Person not wearing protective equipment should be excluded from area of spill until clean-up has been completed. Stop spill at the source. Prevent from entering drains, sewers, streams or other bodies of water. Prevent from spreading. If runoff occurs, notify authorities as required. Remove with inert absorbent. Use only non sparking tools for clean up.

## 7. HANDLING AND STORAGE

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**HANDLING AND STORAGE:** Keep all containers sealed tight and in an upright position to prevent leaks. Store containers out of the sun and away from all heat sources. This material should be grounded when pouring. Do not store near heat, sparks or open flame. Do not allow material to freeze.

## 8. EXPOSURE CONTROLS/PERSONAL PROTECTION

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**GENERAL ADVICE:** These recommendations provide general guidance for handling this product. Personal protective equipment should be selected for individual applications and should consider factors which affect exposure potential, such as handling practices, chemical concentrations and ventilation. It is ultimately the responsibility of the applicator to follow regulatory guidelines established by local authorities.

**EXPOSURE CONTROLS:** This product is for exterior use only.

**RESPIRATORY PROTECTION:** None required if used properly for exterior surfaces only. Do not breathe vapors or spray mist.

**SKIN PROTECTION AND BODY PROTECTION:** Wear impermeable chemical resistant gloves such as neoprene coated gloves to prevent repeated or prolonged skin contact. Liquid may penetrate clothes, shoes and leather causing delayed irritation. Remove immediately if product gets insides. Then wash thoroughly with soap and water and put on clean clothing or shoes. User should remove personnel protective equipment immediately after handling this product. Wash the outside the outside of gloves before removing.

**EYE PROTECTION:** Use safety eye ware with side-shields to protect against chemical splash of liquids and spray mist.

**WORK/HYGIENIC PRACTICES:** Wash hands before and after eating, smoking and using the bathroom.

## 9. PHYSICAL AND CHEMICAL PROPERTIES

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**BOILING POINT:** 279 F

**MELTING POINT:** N/A

**VAPOR PRESSURE:** N/A

**VAPOR DENSITY:** HEAVIER THAN AIR

**SOLUBILITY IN WATER:** INSOLUBLE

**SPECIFIC GRAVITY:** .9225

**pH:** N/A

**ODOR:** MILD SOLVENT ODOR

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## 10. STABILITY AND REACTIVITY

**CHEMICAL STABILITY (CONDITIONS TO AVOID): STABLE**

**INCOMPATIBILITY: OXIDIZING AGENTS**

**HAZARDOUS DECOMPOSITION PRODUCTS:** Carbon dioxide, Carbon monoxide, Oxides of Nitrogen.

**HAZARDOUS POLYMERIZATION: WILL NOT OCCUR**

## 11. TOXICOLOGICAL INFORMATION

**CHRONIC/CARCINOGENICITY:** This product contains no reported or suspected carcinogens.

**TERATOLOGY:** This product contains no reported or suspected teratogens.

**REPRODUCTION:** This product contains **FOLPET**, a chemical known to the State of California to cause cancer.

## 12. ECOLOGICAL INFORMATION

**ECOLOGY WARNING:** THIS PRODUCT IS TOXIC TO FISH. Do not discharge into lake, streams, ponds, estuaries, oceans or other water ways including local sewer system.

## 13. DISPOSAL CONSIDERATIONS

RAGS, STEEL WOOL OR WASTE SOAKED WITH THIS PRODUCT MAY SPONTANEOUSLY CATCH IF IMPROPERLY STORED OR DISCARDED. IMMEDIATELY AFTER USE, PLACE RAGS, STEEL WOOL OR WASTE IN A SEALED WATER FILLED METAL CONTAINER. DISPOSE OF ACCORDING TO FEDERAL, STATE AND LOCAL REGULATIONS. THIS PRODUCT IS TOXIC TO FISH. DO NOT CONTAMINATE WATER BY CLEANING OF EQUIPMENT OR DISPOSAL OF WASTE.

## 14. TRANSPORT INFORMATION (Not meant to be all inclusive)

DOT GROUND	COMBUSTIBLE LIQUID NOS, NA 1993, PGIII (CONTAINS: RULE 66 MINERAL SPIRITS)
IATA	PAINT, 3, UN1263, PGII
IMDG	PAINT, 3, UN1263, PGII

## 15. REGULATORY INFORMATION (Not meant to be all inclusive - selected regulations)

### U.S. FEDERAL REGULATIONS:

**EPA - FIFRA** Registration # 51578-1 TWP Total Wood Preservative

**OSHA:** Not regulated

### CERCLA: SARA HAZARD CATEGORY:

#### SECTION 313: \*Folpet

\* Indicates toxic chemical(s) subject to the reporting requirements of section 313 of Title III and of 40 CFR 372.

**STATE REGULATIONS: California Prop 65** -This product contains a chemical known to the State of California to cause cancer.

## 16. DISCLAIMER

TO THE BEST OF OUR KNOWLEDGE, THE INFORMATION CONTAINED HEREIN IS ACCURATE. HOWEVER, AMTECO DOES NOT ASSUME ANY LIABILITY WHATSOEVER FOR THE ACCURACY OR COMPLETENESS OF THE INFORMATION CONTAINED HEREIN. FINAL DETERMINATION OF THE SUITABILITY OF ANY MATERIAL IS THE SOLE RESPONSIBILITY OF THE USER.